

Karat Analyzer CY-GT Series



Now With Auto calibration

Fake Gold Detector

Technology

Specific gravity of the sample & distinguish the **real precious metal from the fake material.**

Calibration

Pre-calibrated for Gold & Platinum from 9k ~ 24k

Ease

Thanks to inbuilt measuring software which makes it operations easy.

Application

Gold Valuer | Jewellery Showroom | Bank & Financial Institution | Fake Gold Detector

FUNCTIONS :

GOLD

- User can select either copper or silver individually as mix material in GOLD for purity measurement.

PLATINIUM

- User can select either palladium or Ruthenium or Cobalt individually as mix material in PLATINIUM for purity measurement.

User Experience

Very simple process, within 10 - 20 sec. will get gold purity & carat

The USB RS 232 extend the connectivity of karat analyzer.

Advantages

- To Detect Fake Gold Jewellery
- Non-editable tamper proof software
- Generate Results in PDF
- Precious Metal Karat Tester Evaluating the purity of GOLD in % / Karat.
- Non-destructive.
- Precious metals like Platinum & Silver can be tested by Optional mode.
- Can be used as a normal scale or Densimeter.

| | |
|---------------|---------|
| AIR WEIGHT | 4.992 g |
| WATER WEIGHT | 4.698 g |
| AUX LIQUID | H2O |
| LIQUID TEMP | 24.0 |
| AIR WEIGHT | 4.994 g |
| LIQUID WEIGHT | 4.698 g |
| SG | 16.826 |
| UNIT | AU/CU |
| PURITY | 21K |
| PURITY PER | 87.3% |

Non-Editable Software
Specialised for Gold Loan

| Model | CY 613GT | CY 3102GT |
|--|--|-----------------|
| Capacity | 600 g | 3100 g |
| Accuracy | 0.001 g | 0.01 g |
| Technology | EMFC for better results | |
| Calibration | Manual | |
| Windshield | Yes | |
| Purity Measurement | | |
| Range for GOLD | 9k - 24k | |
| Accuracy (increment) | 1k | |
| Minimum Sample Wt | 5 g | 10 g |
| Alloyed Metal | Silver, Copper | |
| Percentage | Available | |
| Specific Gravity | Available | |
| Measurement for Platinum | Available | |
| Range for Platinum | Pt 600 ~ Pt 1000 | |
| Accuracy (increment) | Pt 50 | |
| Alloyed Metal | Palladium, Ruthenium and Cobalt | |
| Other Features | | |
| Comparator Function | Available | |
| Measuring of Multi metals specific gravity | Available | |
| Display | LCD with LED Backlite | |
| Operating Temperature | 10°C to 30°C | |
| RS 232C Interface | Included | |
| USB | Optional | |
| Direct Windows | Can send data to MS Office, Word, Excel, PDF etc. | |
| Power Supply | AC Adapter 100V-240V +/- 20% 50-60Hz | |
| Weight in Air Pan Size (mm) | 108 x 100 | 160 x 140 |
| Weight in Water Pan Size (mm) | 100 x 192 | 160 x 140 |
| Net Weight with Packing | 8.0 kg | 8.0 kg |
| Packing Dimension (mm) | 500 x 380 x 510 | 500 x 380 x 230 |
| Constraint (Samples Cannot Be Done) | Samples • With holes or hollow in nature • With any stones or diamond • Mixed with metals which has very close density to Gold & Platinum • Sample can be done 5 gms & above | |

Motorised Calibration Available